

Food Intake

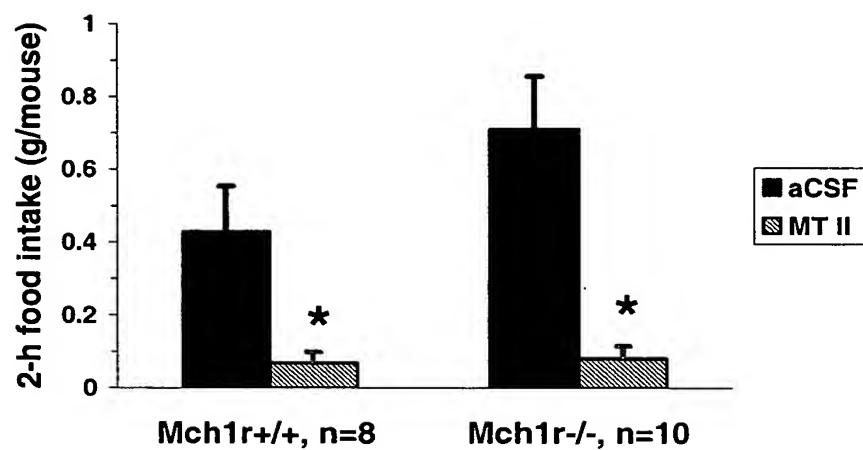


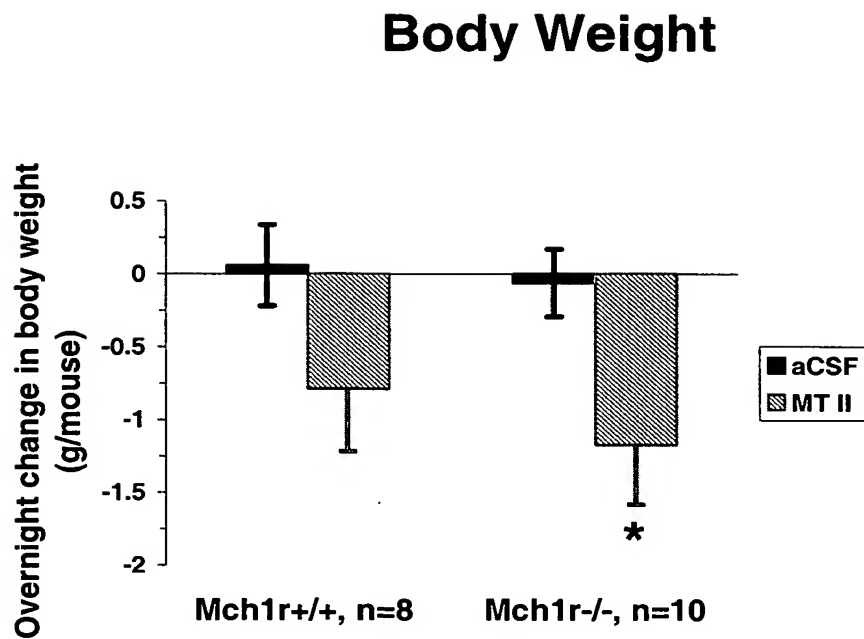
Figure 1

Mch1r+/+: wild type mice

Mch1r-/-: MCH1R knock out mice

aCSF: artificial cerebrospinal fluid

MT-II: Melanotan II, a melanocortin receptor agonist



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Figure 2

Mch1r+/+: wild type mice

Mch1r-/-: MCH1R knock out mice

aCSF: artificial cerebrospinal fluid

MT-II: Melanotan II, a melanocortin receptor agonist

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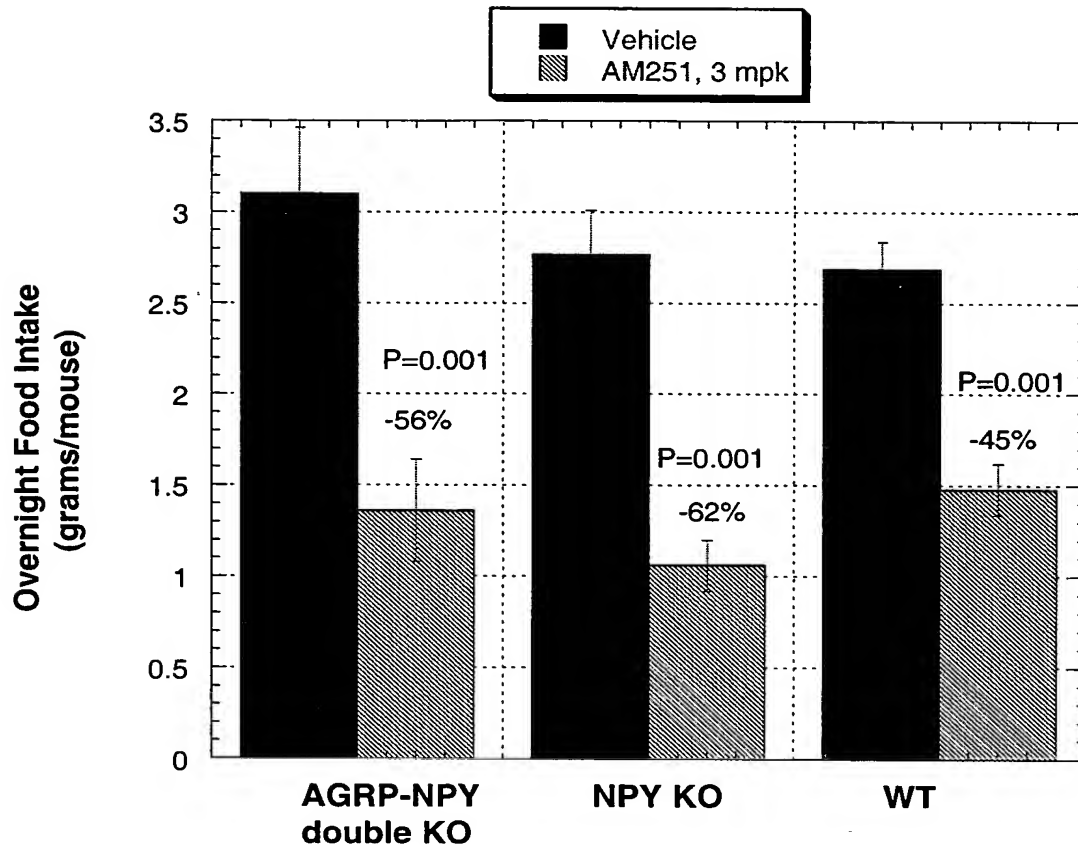


Figure 3

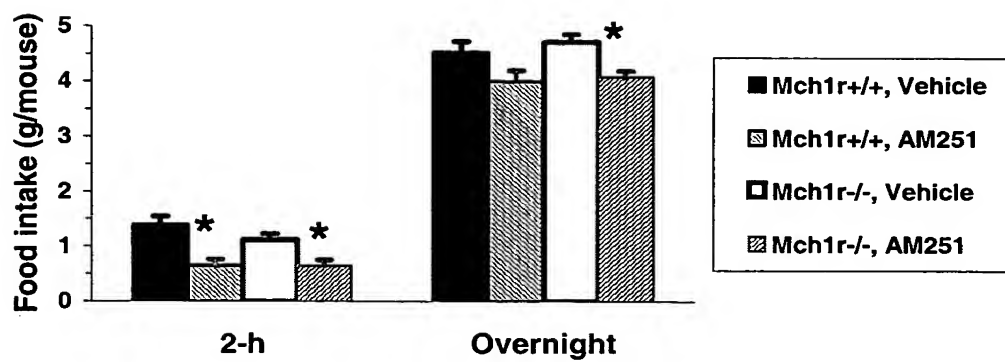
AGRP-NPY double KO: AGRP^{-/-}-NPY^{-/-}, agouti protein knockout and neuropeptide Y knockout mice

10 **NPY KO:** neuropeptide Y knock out mice

WT: AGRP^{+/+}-NPY^{+/+}, wild type mice

AM-251: a CB-1 inverse agonist

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Figure 4

Mch1r +/+: wild type mice

Mch1r -/-: MCH1R knock out mice

10 **AM251:** CB1R inverse agonist, 5 mpk